

## Laser Micromachining Applications Card

*Laser drilling offers an alternative to traditional mesh construction in the production of "last chance" filters, for fuel and hydraulic systems. Laser drilled filters offer smaller nominal filtrations size down to around 25 microns and are ideally suited to applications with high collapse or burst pressure requirements. Laser drilled filters are also well suited to bi-directional flow requirement in a very restricted envelope, due to the single layer construction and removal of the need for additional supporting structures.*

*Laser drilling enables the design of single or multi-part assemblies where reliability, weight and strength of construction are critical. Laser drilling also offers complete versatility in material selection, being applicable to virtually all material types.*



*Laser Micro-Drilling – Last chance Fluid filters*